BRUHAT BANGALORE MAHANAGARA PALIKE
YELAHANKA ZONE PROJECT DIVISION

Modified Cost Rs. 1,25,00,000.00

Name of Work:- Modified Estimate for The Construction of additional class rooms,Toilet &providing school accessories to yelahanka government junior college,Yelahanka Bangalore,Ward No-01.

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	Dismantling of existing structures like culverts,bridges, retaining walls and other structure comprising of masonry, cementconcrete, wood work, steel work, including T&P and scaffolding whereverneccessary, sorting the dismantled material, disposal of unserviceablematerial and stacking the serviceable material with all lifts complete asper specifications Dismantling brick/Tile work B. In cement mortar.(p.no,136/ si,no18.18,PWD SR 2015-2016)								
	Roof Area	Cum	1	5.50	3.40	0.15	2.81		
							2.81	245.92	689.81
	Basic Rate	232.00							
	Area Weightage 6%	13.92							
	Sub Total	245.92							
2	KSRB 2-1.1: Earthwork in surface excavation in ordinary soil for levelling and lowering the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe lines and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface levelled and neatly dressed, disposed earth to be levelled after breaking of clods and neatly dressed as per specifications. (P5/2.1,PWD SR 2015-2016)								
	Site levelling:-**College building**	Cum	1	35.00	18.00	0.40	252.00		
	Toilet building		1	(20.30+19.50)	9.25	0.40	73.63		
				2					
	College ground:-Infront of		1	30.00	22.80	0.35	239.40		
			1	(8.50+13.10)	22.80	0.35	86.18		
				2					
			1	15	3.00	0.20	9.00		
			1	4.70	0.90	0.20	0.85		
	Kerb stone line		1	30.00	0.25	0.20	1.50		
			1	13.20	0.25	0.20	0.66		
			1	18.10	0.25	0.20	0.91		
			1	0.40	0.25	0.20	0.02		
			1	1.02	0.25	0.20	0.05		
	Rain water flowing line		1	29.60	0.25	0.20	1.48		
	Gymm :- Levelling		1	18.00	7.00	0.35	44.10		
	kerb stones		2	15.70	0.25	0.20	1.57		
			2	4.90	0.25	0.20	0.49		
							711.84		
	Deductions:- Footings		6	0.75	0.75	0.20	0.68		
	Flag posts		2	1.55	1.55	0.20	0.96		
	Tree pathies		3	0.90	0.90	0.20	0.49		
			1	0.90	0.60	0.20	0.11		
							2.23		

				Total quantity			709.61	156.88	111323.00
	Basic Rate	148.00							
	Area Weightage 6%	8.88							
	Sub Total	156.88							
3	KSRB 2-2.2 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in hard soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 (P.5/2.4 PWD SR - 2015-16).								
	College building Footings :- F1	Cum	6	2.85	2.65	1.80	81.57		
	F2		6	3.15	2.85	1.80	96.96		
	F3		4	2.55	2.25	1.80	41.31		
	F4		8	1.35	1.35	1.80	26.24		
	L/Walls		2	32.40	0.90	1.05	61.24		
	S/walls		2	8.30	0.90	1.05	15.69		
			3	6.45	0.90	1.05	18.29		
	Toilet building Footings :-F1		2	2.75	2.55	1.80	25.25		
	F2		4	2.55	2.35	1.80	43.15		
	L/Walls		2	7.30	0.90	1.05	13.80		
	S/walls		2	3.65	0.90	1.05	6.90		
	Ground:-New flag post		1	1.60	1.60	0.60	1.54		
			1	1.80	1.80	0.60	1.94		
	Euipment Foundations:-Chest		1	0.60	0.60	0.60	0.22		
	Health walker		2	0.60	0.60	0.60	0.43		
	Twister		4	0.60	0.60	0.60	0.86		
	Rider		1	0.60	0.60	0.60	0.22		
	Rower		1	0.60	0.60	0.60	0.22		
	Spinner		1	0.60	0.60	0.60	0.22		
	Shoulder wheel		1	0.60	0.60	0.60	0.22		
							436.23		
	(-)Deductions for Building columnss :-C1		6	0.45	0.30	1.05	0.85		
	C2		6	0.45	0.30	1.05	0.85		
	C3		4	0.45	0.30	1.05	0.57		
	C4		8	0.23	0.23	1.05	0.44		
	Toilet:-C1		2	0.45	0.20	1.05	0.19		
	C2		4	0.45	0.20	1.05	0.38		
							3.28		
				Total quantity			432.95	283.02	122533.00
	Basic Rate	267.00							
	Area Weightage 6%	16.02							
	Sub Total	283.02							
4	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in foundation cement mortar 1:6, stone hammered dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specification. KBS 5.1.13 (P.25/5.6)								
	College building:-1st Footing	Cum	2	32.25	0.75	0.45	21.77		

	S/walls		2	8.25	0.75	0.45	5.57		
			3	6.60	0.75	0.45	6.68		
	2nd Footing L/Walls		2	32.10	0.60	0.45	17.33		
	S/walls		2	8.40	0.60	0.45	4.54		
			3	6.75	0.60	0.45	5.47		
	Steps foundations		1	5.00	1.50	0.35	2.63		
	Toilet building :-1st Footing:-		2	7.15	0.75	0.45	4.83		
	S/walls		2	3.80	0.75	0.45	2.57		
	2nd Footing L/Walls		2	7.15	0.60	0.45	3.86		
	S/walls		2	3.80	0.60	0.45	2.05		
	New flag post:-foundation		1	1.70	1.70	0.45	1.30		
							78.59		
	(-)Deduct for **College building:-** 1st footing:-C1		6	0.45	0.30	0.45	0.36		
	C2		6	0.45	0.30	0.45	0.36		
	C3		4	0.45	0.30	0.45	0.24		
	C4		8	0.23	0.23	0.45	0.19		
	2nd footing:-C1		6	0.45	0.30	0.45	0.36		
	C2		6	0.45	0.30	0.45	0.36		
	C3		4	0.45	0.30	0.45	0.24		
	C4		8	0.23	0.23	0.45	0.19		
	Toilet building:- 1st footing:-C1		2	0.45	0.20	0.45	0.08		
	C2		4	0.45	0.20	0.45	0.16		
	2nd footing:-C1		2	0.45	0.20	0.45	0.08		
	C2		4	0.45	0.20	0.45	0.16		
	New flag post		1	1.60	1.60	0.45	1.15		
							3.96		
				Total quantity			74.62	4058.74	302881.00
	Basic Rate	3829.00							
	Area Weightage 6%	229.74							
	Sub Total	4058.74							
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20 cms. in depth, compacting each deposited layer by ramming after watering with lead upto 50 m. and lift upto 1.5 m. including cost of all labour complete as per specifications. (P.6/2.10 PWD SR - 2015-16).							-	
		Cum	Qty vide item No.6+7				1142.56	127.20	145333.00
	Basic Rate	120.00							
	Area Weightage 6%	7.20							
	Sub Total	127.20							
6	KSRB 4-6.5: Providing and removing centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square/ rectangular/polygon in plan including cost of all materials, labour complete as per specifications. (P16/4.32)								
	College building columns:- Up to	Sqm	12	0.45		1.60	8.64		
			12	0.30		1.60	5.76		
	C2		12	0.45		1.55	8.37		
			12	0.30		1.55	5.58		
	C3		8	0.45		1.70	6.12		
			8	0.30		1.70	4.08		

	C4		16	0.23		1.85	6.81		
			16	0.23		1.85	6.81		
	Up to lintell levell:-C1		12	0.45		2.10	11.34		
			12	0.30		2.10	7.56		
	C2		12	0.45		2.10	11.34		
			12	0.30		2.10	7.56		
	C3		8	0.45		2.10	7.56		
			8	0.30		2.10	5.04		
	C4		16	0.23		2.90	10.67		
			16	0.23		2.90	10.67		
	Up to tie beam levell:-C1		12	0.45		0.60	3.24		
			12	0.30		0.60	2.16		
	C2		12	0.45		0.60	3.24		
			12	0.30		0.60	2.16		
	C3		8	0.45		0.60	2.16		
			8	0.30		0.60	1.44		
	Up to parapet top levell:-C1		12	0.45		0.90	4.86		
			12	0.30		0.90	3.24		
	C2		12	0.45		0.90	4.86		
			12	0.30		0.90	3.24		
	C3		8	0.45		0.90	3.24		
			8	0.30		0.90	2.16		
	C4		16	0.23		0.90	3.31		
			16	0.23		0.90	3.31		
	TOilet building columns:- Up to		4	0.45		1.60	2.88		
			4	0.20		1.60	1.28		
	C2		8	0.45		1.65	5.94		
			8	0.20		1.65	2.64		
	Up to lintell levell:-C1		4	0.45		2.10	3.78		
			4	0.20		2.10	1.68		
	C2		8	0.45		2.10	7.56		
			8	0.20		2.10	3.36		
	Up to tie beam levell:-C1		4	0.45		0.175	0.32		
			4	0.20		0.175	0.14		
	C2		8	0.45		0.175	0.63		
			8	0.20		0.175	0.28		
	Up to parapet top levell:-C1		4	0.45		0.30	0.54		
			4	0.20		0.30	0.24		
	C2		8	0.45		0.30	1.08		
			8	0.20		0.30	0.48		
				Total quantity			199.36	376.30	75019.00
	Basic Rate	355.00							
	Area Weightage 6%	21.30							
	Sub Total	376.30							
7	Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for sides and soffits of beams, beam haunchings, cantilever girders, bressuemers and lintles exceeding 1 m in depth incluidng cost of all materials, labour complete as per specifications.(p.no16/si no4.34 pwd sr 2015-2016)								
	College building:- Lintell beam	Sqm	2	31.90		0.20	12.76		
	S/walls		2	7.10		0.20	2.84		
	Inside:-Rooms		2	9.25		0.20	3.70		

			2	6.60		0.20	2.64		
	Rooms		2	9.20		0.20	3.68		
			2	6.60		0.20	2.64		
	Rooms		2	9.00		0.20	3.60		
			2	6.60		0.20	2.64		
	Staire case		2	3.50		0.20	1.40		
			2	6.60		0.20	2.64		
	Toilet building:- Lintell beam out side L/Walls		2	6.85		0.15	2.06		
	S/walls		2	4.95		0.15	1.49		
	Inside:-L/walls		2	6.45		0.15	1.94		
	S/walls		2	4.60		0.15	1.38		
	Interior partions:-L/walls		2	4.20		0.10	0.84		
			2	1.55		0.10	0.31		
	S/walls		2	2.40		0.10	0.48		
			6	1.10		0.10	0.66		
			2	1.80		0.10	0.36		
	College building Tie beam out side:-L/Walls		2	31.90		0.45	28.71		
	S/walls		2	9.20		0.45	8.28		
	Inside:-Rooms		2	6.60		0.45	5.94		
			2	4.55		0.45	4.10		
			2	6.60		0.45	5.94		
			2	4.50		0.45	4.05		
	Rooms		2	6.60		0.45	5.94		
			2	4.45		0.45	4.01		
			2	6.60		0.45	5.94		
			2	4.50		0.45	4.05		
	Rooms		2	6.60		0.45	5.94		
			2	4.40		0.45	3.96		
			2	6.60		0.45	5.94		
			2	4.35		0.45	3.92		
	Staire case		2	6.60		0.45	5.94		
			2	3.50		0.45	3.15		
	Varandha		2	31.40		0.45	28.26		
			12	1.85		0.45	9.99		
			2	1.85		0.45	1.67		
	Toilet building Tie beam out side:-L/Walls		2	6.85		0.45	6.17		
	S/walls		2	5.00		0.45	4.50		
	In side:-L/Walls		4	3.10		0.45	5.58		
	S/walls		4	4.60		0.45	8.28		
				Total quantity			218.28	265.00	57844.00
	Basic Rate	250.00							
	Area Weightage 6%	15.00							
	Sub Total	265.00							
8	KSRB 4-6.2 : Providing and removing centering, shuttering, strutting, propping etc., and removal of form work for flat surface such as suspended floors, roofs, landings, balconies and likes, thickness upto 200mm including cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 (P.15/I.4.18)								

	College building Roof :-Rooms	Sqm	1	6.60	4.55		30.03		
			1	6.60	4.50		29.70		
			1	6.60	4.45		29.37		
			1	6.60	4.50		29.70		
			1	6.60	4.40		29.04		
			1	6.60	4.35		28.71		
			1	6.60	3.50		23.10		
	Varandha		1	31.40	1.85		58.09		
	Roof edge		2	31.90		0.15	9.57		
			2	9.20		0.15	2.76		
	Toilet building:-		1	5.00	6.40		32.00		
	staire case 1st flight waist slab		1	3.00	1.50		4.50		
	2nd flight waist slab		1	3.30	1.50		4.95		
	Landing		1	3.45	1.50		5.18		
				Total quantity			316.70	323.30	102387.00
	Basic Rate	305.00							
	Area Weightage 6%	18.30							
	Sub Total	323.30							
9	Providing and laying in position reinforced cement concrete of design mix M25 with OPC cement @ 320kgs, with 20mm and down size graded granite metal coarse aggregates @0.7cum and fine aggregtes @ 0.47cum, with superplastisiser @3lts confirmingto IS9103-1999 Reaffirmed-2008, machine mixed, concrete laid in layers not exceeding 15 cms thick, vibrated for all works **in ground floor level** for roof slabs, staircase, lintles, retaining walls, return walls, walls (any thickness) including attached plasters, columns, piers, abutments, pillars, posts, struts, buttresses, string or lacing courses, parapets, coping, bed blocks, anchor blocks, plain window cills, fillets etc., including cost of all materials, labour, HOM of machinery, curing, complete as per specifications.(p.no13/sino4.12,pwd sr 2015-2016)								
	College building Footing	Cum	6	2.70	2.50	0.60	24.30		
	F2		6	3.00	2.70	0.65	31.59		
	F3		4	2.40	2.10	0.50	10.08		
	F4		8	1.20	1.20	0.35	4.03		
	Coloumns:-Up to plinth levell C1		6	0.45	0.30	1.60	1.30		
	C2		6	0.45	0.30	1.55	1.26		
	C3		4	0.45	0.30	1.70	0.92		
	C4		8	0.23	0.23	1.85	0.78		
	Up to lintell levell C1		6	0.45	0.30	2.10	1.70		
	C2		6	0.45	0.30	2.10	1.70		
	C3		4	0.45	0.30	2.10	1.13		
	C4		8	0.23	0.23	2.90	1.23		
	Up to tie beam levell C1		6	0.45	0.30	0.60	0.49		
	C2		6	0.45	0.30	0.60	0.49		
	C3		4	0.45	0.30	0.60	0.32		
	Up to parapet wall top levell C1		3	0.45	0.30	0.90	0.36		
	C2		4	0.45	0.30	0.90	0.49		
	C3		4	0.45	0.30	0.90	0.49		
	C4		8	0.23	0.23	0.90	0.38		
	Plinth beam:-L/Walls		6	31.90	0.20	0.45	17.23		
	S/walls		2	8.45	0.20	0.45	1.52		
			6	6.90	0.20	0.45	3.73		

	Lintell beam:- L/Walls		2	28.25	0.20	0.20	2.26		
	S/walls		5	6.00	0.20	0.20	1.20		
	Tie beam:-L/Walls		3	31.90	0.20	0.45	8.61		
	S/walls		8	6.60	0.20	0.45	4.75		
			8	1.85	0.20	0.45	1.33		
	Roof		1	28.25	9.20	0.15	38.99		
			1	3.60	2.55	0.15	1.38		
	Staire case foundation		1	1.50	0.45	0.80	0.54		
	1st flight		1	3.40	1.50	0.12	0.61		
	Landing		1	3.50	1.50	0.12	0.63		
	2nd flight		1	3.30	1.50	0.12	0.59		
	Steps	0.50	21	1.50	0.30	0.15	1.42		
	Toilet building Footing Concrete:-		2	2.60	2.40	0.60	7.49		
	F2		4	2.40	2.20	0.55	11.62		
	Coloumns:-Up to plinth levell C1		2	0.45	0.20	1.60	0.29		
	C2		4	0.45	0.20	1.65	0.59		
	Up to lintell levell C1		2	0.45	0.20	2.10	0.38		
	C2		4	0.45	0.20	2.10	0.76		
	Up to tie beam levell C1		2	0.45	0.20	0.175	0.03		
	C2		4	0.45	0.20	0.175	0.06		
	Up to parapet wall top levell C1		2	0.45	0.20	0.30	0.05		
	C2		4	0.45	0.20	0.30	0.11		
	Plinth beam:-L/Walls		2	6.85	0.20	0.45	1.23		
	S/walls		2	4.10	0.20	0.45	0.74		
	Inside partion walls		2	4.10	0.20	0.45	0.74		
			3	1.44	0.20	0.45	0.39		
			3	1.57	0.20	0.45	0.42		
			1	3.35	0.20	0.45	0.30		
			2	1.05	0.20	0.45	0.19		
			1	1.10	0.20	0.45	0.10		
			1	1.92	0.20	0.45	0.17		
	Lintell beam:- Above ventilators		5	0.80	0.20	0.15	0.12		
	Above door		1	1.20	0.20	0.15	0.04		
	Tie beam:-B1		2	5.00	0.20	0.30	0.60		
	B2		1	5.00	0.20	0.30	0.30		
	B3		4	3.20	0.20	0.30	0.77		
	Roof		1	6.40	5.00	0.125	4.00		
				Total quantity			199.30	6438.44	1283188.00
	Basic Rate	6074.00							
	Area Weightage 6%	364.44							
	Sub Total	6438.44							
10	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.TMT Bars Fe 500(p.no17.4.46.2 pwd sr 2015-2016)								
		Tonne,s							
	(0.110 tonne/Cum)	Quntity vide item no			199.30	0.110	21.92		
	(0.040 tonne/sqm)	Quntity vide item no			15.66	0.04	0.63		

				Total quantity			22.55	58229.25	1313041.00
	Basic Rate	54933.25							
	Area Weightage 6%	3296.00							
	Sub Total	58229.25							
11	KSRB 5-14: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x20x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.27)								
	College building L/walls	Sqm	2	28.25		3.05	172.33		
	S/walls		5	6.65		2.90	96.43		
	Staire case back side		1	3.20		3.05	9.76		
	Varandha wall		1	31.80		0.90	28.62		
			2	2.55		0.90	4.59		
	Entrance Steps		1	5.00	1.30		6.50		
			1	5.00	1.00		5.00		
			1	5.00	0.70		3.50		
			1	5.00	0.40		2.00		
	Stage		3	6.00	1.50		27.00		
	Toilet building L/walls		2	6.80		2.55	34.68		
	S/walls		2	4.60		2.55	23.46		
	New flag post:-Basement		4	1.60	1.60		10.24		
							424.10		
	(-)Deductions:- **College building**								
	Up to lintell levell C1		6	0.45		3.05	8.24		
	C2		6	0.30		3.05	5.49		
	C3		4	0.30		2.90	3.48		
	C4		8	0.23		0.90	1.66		
	Main Entry		1	4.50		0.90	4.05		
	D		3	1.50		2.10	9.45		
	W		18	1.50		1.40	37.80		
	V		18	1.50		0.60	16.20		
	V1		1	1.50		1.00	1.50		
	Lintell beam:- L/Walls		1	28.25		0.20	5.65		
	S/walls		6	1.50		0.20	1.80		
	Staire case open		1	3.50		0.20	0.70		
	Toilet building:-ColumnsC1		2	0.45		2.55	2.30		
	C2		4	0.45		2.55	4.59		
	Lintell beam:-Above ventilators		5	0.80		0.15	0.60		
	Above door		1	1.20		0.15	0.18		
	D		1	0.90		2.10	1.89		
	V		5	0.90		0.60	2.70		
	V2		1	1.05		0.90	0.95		
							109.21		
				Total quantity			314.89	999.58	314757.00
	Basic Rate	943.00							
	Area Weightage 6%	56.58							
	Sub Total	999.58							

	KSRB 5-15: Providing and constructing precast concrete solid blocks with compressive strength not less than 35Kg/sqm with cement mortar 1:4 masonry (quoin, Jamb, closer blocks) with solid concrete blocks of size 40x10x20cms conforming to I.S: 2185/1965 in superstructure including cost of materials, labour charges, scaffolding, curing complete as per specifications. (P25/5.28)								
	Toilet building	Sqm	4	1.40		2.10	11.76		
			4	1.10		2.10	9.24		
			1	2.10		2.10	4.41		
			1	1.50		2.10	3.15		
							28.56		
	(-)Deductions:- D1		5	0.65		2.10	6.83		
							21.74	729.28	15851.00
	Basic Rate	688.00							
	Area Weightage 6%	41.28							
	Sub Total	729.28							
13	Providing ceramic tiles of approved make shade and size for flooring,treads of steps and landings laid on a bed of 12mm thick,cement mortor 1:3 mix,flush pointing with white cement using colour pigment, including cost of materials labour curing complete as per specifications. size 30X30cms 6mm thick (page 105/Item no. 14.36)								
	Toilet building:- inside rooms	Sqm	4	1.10	1.40		6.16		
			1	1.10	2.40		2.64		
			1	1.95	4.60		8.97		
			1	3.40	2.50		8.50		
							26.27		
	Partition wall		1	1.50	0.10		0.15		
	Door		5	0.65	0.10		0.33		
							0.48		
							25.80	1191.44	30733.00
	Basic Rate	1124.00							
	Area Weightage 6%	67.44							
	Sub Total	1191.44							
14	KSRB 14.17.1 : Providing skirting dado, rises of steps with colour glazed tiles 6mm thick on 10mm thick cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately)using glazed tiles of approved make and size including cost of materials labour, complete as per specifications. Specification No. KBS 14.16., 14.17 (Page no. 106/ Item No. 14.41.1 (15x15 6mm thick								
	Toilet building:-Side walls	Sqm	2	1.10		2.10	4.62		
			2	1.40		2.10	5.88		
			2	1.10		2.10	4.62		
			2	1.40		2.10	5.88		
			2	1.10		2.10	4.62		
			2	1.40		2.10	5.88		
			2	1.10		2.10	4.62		
			2	1.40		2.10	5.88		
			2	1.10		2.10	4.62		
			2	2.40		2.10	10.08		
			1	3.00		2.10	6.30		

			1	3.10		2.10	6.51		
	sink portion		1	3.10		0.60	1.86		
							71.37		
	(-)D2		10	0.65		2.10	13.65		
							57.72	1037.74	59898.00
	Basic Rate	979.00							
	Area Weightage 6%	58.74							
	Sub Total	1037.74							
15	Providing and laying in Mat for RCC roof at below the steel for avoiding concrete cement slurry as per the requirement of Engineer incharge.(Approved Data Rates)								
		Sqm							
	College building Roof :-Rooms		1	28.25	9.20		259.90		
			1	3.60	2.55		9.18		
	Toilet building:-		1	6.40	5.00		32.00		
							301.08	65.00	19570.00
16	Extra for use of water proofing compound in cement concrete of mix M-25, @ 1kg of compound per Bag of cement.(p.no-14/4.24 pwd sr 2015-2016)								
		Cum	Quantity vide item No.				22.95	270.30	6203.00
	Basic Rate	255.00							
	Area Weightage 6%	15.30							
	Sub Total	270.30							
17	Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering,, Providing and removing scaffolding, including cost of materials, labour, lead, lift, curing complete as per specifications and direction of the Engineer in charge Providing Lime rendering for Plastering to Ceiling including cost of materials, labour, curing complete as per specification.								
	College building Rooms	Sqm	1	9.25	6.60		61.05		
			1	9.20	6.60		60.72		
			1	9.00	6.60		59.40		
	Staire case		1	6.60	3.50		23.10		
	Varandha		1	31.40	1.85		58.09		
	Center beams	2	3	6.60		0.45	17.82		
		2	1	3.50		0.45	3.15		
		2	6	1.85		0.45	9.99		
	Staire case:-1st flight		1	3.00	1.50		4.50		
	Landing		1	3.50	1.50		5.25		
	2nd flight		1	3.30	1.50		4.95		
	Sides		1	3.00		0.12	0.36		
			1	0.45		0.12	0.05		
			1	3.30		0.12	0.40		
	Toilet building		1	6.45	4.60		29.67		
	Beam sides		2	4.60		0.45	4.14		
							342.64	219.42	75182.00
	Basic Rate	207.00							
	Area Weightage 6%	12.42							
	Sub Total	219.42							

Providing 18mm thick cement plaster in single coat with cement mortar 1:4, to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge Providing lime rendering for plastering to wall and ceiling including cost of materials labour curing complete as per specifications								
Internal wall plastering								
College building Rooms	Sqm	2	9.25		3.35	61.98		
		2	6.60		3.35	44.22		
		2	9.20		3.35	61.64		
		2	6.60		3.35	44.22		
		2	9.00		3.35	60.30		
		2	6.60		3.35	44.22		
Staire case		1	3.50		3.35	11.73		
		2	6.60		3.35	44.22		
varandha		2	31.80		3.35	213.06		
Varandha Side wall top portion		2	1.85	0.20		0.74		
		1	4.55	0.20		0.91		
		1	4.50	0.20		0.90		
		1	4.45	0.20		0.89		
		1	4.50	0.20		0.90		
		1	4.40	0.20		0.88		
		1	4.35	0.20		0.87		
		1	3.50	0.20		0.70		
Columns:-c4		8	0.92		3.50	25.76		
Toilet block		2	6.45		2.85	36.77		
		2	4.60		2.85	26.22		
partition walls		4	1.40		2.10	11.76		
		4	1.10		2.10	9.24		
		2	2.40		2.10	10.08		
		1	1.10		2.10	2.31		
		4	1.40		2.10	11.76		
		4	1.10		2.10	9.24		
		2	1.60		2.10	6.72		
						742.23		
Deductions:-**College building** D		3	1.50		2.10	9.45		
W		18	1.50		1.40	37.80		
v		18	1.50		0.60	16.20		
		1	1.50		1.00	1.50		
varandha		1	4.55		2.00	9.10		
		1	4.50		2.00	9.00		
		1	4.45		2.00	8.90		
		1	4.50		2.00	9.00		
		1	4.40		2.00	8.80		
		1	4.35		2.00	8.70		
		1	3.50		2.00	7.00		
		2	1.85		2.00	7.40		
Main Entry		2	4.50		0.90	8.10		
Toilet block D		1	0.90		2.10	1.89		
D1		10	0.65		2.10	13.65		
v		5	0.90		0.60	2.70		

	V1		1	1.10		0.90	0.99		
							160.18		
							582.05	248.04	144370.00
	Basic Rate	234.00							
	Area Weightage 6%	14.04							
	Sub Total	248.04							
19	Providing 18mm thick cement plaster in single coat with **cement mortar 1:4,** to brick masonry including rounding off corners wherver required smooth rendering, : Providing and removing scaffolding, cost of materials, labour, curing complete as per specifications and direction of the Engineer in charge.for **Outside Plastering**								
	College building:- Long walls :-	sqm	2	31.80		4.40	279.84		
	Short walls :-		2	9.20		4.40	80.96		
	chejjas		12	3.60		0.13	5.62		
	Parapet walls:-Inside		2	31.40		0.90	56.52		
			2	8.80		0.90	15.84		
			6	3.50	0.60		12.60		
	Top Portion		1	31.40	0.20		6.28		
			1	8.80	0.20		1.76		
	staire case raise		21	1.50	0.30		9.45		
	thread		21	1.50		0.15	4.73		
	Landing		1	3.45	1.50		5.18		
	Toilet block:- Long walls :-		2	6.85		3.90	53.43		
	Short walls :-		2	5.00		3.90	39.00		
	chejjas		3	1.20	0.13		0.47		
	Parapet walls		2	6.45		0.30	3.87		
			2	4.60		0.30	2.76		
	Top portion		2	6.85	0.20		2.74		
			2	4.60	0.20		1.84		
							582.87		
	Deductions (-):-								
	College building:-Main entry		1	4.50		0.90	4.05		
	w		12	1.50		1.40	25.20		
	v		12	1.50		0.60	10.80		
	Front Opens		6	4.40		2.00	52.80		
			1	3.50		2.00	7.00		
			2	1.85		2.00	7.40		
	Toilet building:-D		1	0.90		2.10	1.89		
	v		5	0.90		0.60	2.70		
	v1		1	1.05		0.90	0.95		
							112.79		
							470.09	222.60	104642.00
	Basic Rate	210.00							
	Area Weightage 6%	12.60							
	Sub Total	222.60							
20	Providing applying two coats of wall putty to inside plastered walls and ceiling using white cement putty,scrapping and levelling thesurface even and smooth by using different grade sand papers etcas per specifications and directions in charge of the work.								
		sqm	Quantity vide item no 38&39				1052.13	57.24	60224.00

	Basic Rate	54.00							
	Area Weightage 6%	3.24							
	Sub Total	57.24							
21	Providing and applying painting in two coats with **plastic Emulsion paint** of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.**with primer**								
		sqm	Qty vide item No 38				582.05	90.10	52442.00
	Basic Rate	85.00							
	Area Weightage 6%	5.10							
	Sub Total	90.10							
22	Providing and applying painting in two coats with **plastic Emulsion paint** of approved brand on ceiling surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications and as per the directions of the Engineer in charge.**with primer**								
		sqm	Qty vide item No 37				342.64	94.34	32325.00
	Basic Rate	89.00							
	Area Weightage 6%	5.34							
	Sub Total	94.34							
23	Providing ACE paint to external walls of approved colour and shade over primes coat etc etcas per specifications and directions in charge of the workas								
		sqm	Qty Vide Item No. 39				470.09	190.80	89693.00
	Basic Rate	180.00							
	Area Weightage 6%	10.80							
	Sub Total	190.80							

Extra Item

24	Dismantling AC Sheet roof and stacking the material within a radious of 50 meters.(p.no.257/si.no37.42,PWD SR 2015-2016)								
	Sheet roofing	Cum	1	9.50	4.00		38.00		
							38.00	62.54	2376.52
	Basic Rate	59.00							
	Area Weightage 6%	3.54							
	Sub Total	62.54							
25	Dismantling burnt brick masanry in clay mortor/lime mortor/cement mortor and stacking the bricks within a radious of 50m and removing the debries to adistance up to 200 mtr etc as per specifications and directions of the engineer in charge of the work. (p.no.258/si.no37.47,PWD SR 2015-2016)								
	Existing building of L/walls	Cum	2	9.50	0.23	2.90	12.67		
	S/Walls		5	4.00	0.23	2.90	13.34		
	L/walls		2	5.50	0.23	2.85	7.21		
	S/Walls		4	3.40	0.23	2.85	8.91		
							42.14	155.82	6565.99
	Basic Rate	147.00							
	Area Weightage 6%	8.82							

	Sub Total	155.82							
26	KSRRB 200-6.1 Cutting of trees girth from 600 mm TO 900mm including cutting of trunks, branches and removal of stumps roots stacking of serviceable materials with all lifts and up to a lead of 1000m and earth filling in the depressions /pit,labour charges complete as per specifications(p.no135/si.no18.7 PWD SR 2015-2016)								
		NO,s	15				15.00		
							15.00	709.14	10637.10
	Basic Rate	669.00							
	Area Weightage 6%	40.14							
	Sub Total	709.14							
27	KSRRB 200-8 Cleaning and grubbing road land including uprooting rank vegetation,grass,brush,shrubs,saplings and trees of girth up to 300 mm,by manual means, in areas of light jungle,removal of stumps, disposal of un serviceable materials,stacking of serviceable materials labour charges complete as per specifications.(p.no 135/si no.18.11, PWD SR 2015-2016)								
	Existing building and surrounding	sqm	1	19.50	5.00		97.50		
	College building area		1	30.00	12.00		360.00		
							457.50	6.36	2909.70
	Basic Rate	6.00							
	Area Weightage 6%	0.36							
	Sub Total	6.36							
28	KSRB 2.8: Providing and Filling in foundation with granite / trap broken metal 100mm. And down size, with approved sand including hand packing, ramming, watering, including cost of all materials and labour with all lead and lift. Complete as per specifications. (P6/2.15 PWD SR 2015-2016)								
	SSM walls:-L/Walls	Cum	2	32.40	0.90	0.30	17.50		
	S/walls		2	8.30	0.90	0.30	4.48		
			3	6.45	0.90	0.30	5.22		
	College building Flooring :-		1	6.60	4.55	0.30	9.01		
			1	6.60	4.50	0.30	8.91		
			1	6.60	4.45	0.30	8.81		
			1	6.60	4.50	0.30	8.91		
			1	6.60	4.40	0.30	8.71		
			1	6.60	4.35	0.30	8.61		
			1	6.60	3.50	0.30	6.93		
	Varandha		1	31.40	1.85	0.30	17.43		
	Toilet building:- Flooring		1	1.10	1.45	0.30	0.48		
			1	1.10	1.45	0.30	0.48		
			1	0.90	1.45	0.30	0.39		
			1	1.15	1.45	0.30	0.50		
			1	1.10	1.55	0.30	0.51		
			1	1.10	1.55	0.30	0.51		
			1	0.90	1.55	0.30	0.42		
			1	1.15	1.40	0.30	0.48		
			1	3.35	1.80	0.30	1.81		
			1	1.10	1.05	0.30	0.35		
			1	3.35	1.15	0.30	1.16		
			1	1.10	1.90	0.30	0.63		
							112.24	2133.78	239487.00

	Basic Rate	2013.00							
	Area Weightage 6%	120.78							
	Sub Total	2133.78							
29	KSRRB 4.1.3:- Providing and laying in position plain cement concrete mix 1:4:8 with OPC cement @ 180 kgs,with 40mm and down size graded granite material coarse aggregates @0.85 cum and fine aggrigates @ 0.57 cum machine mixed,machine mixed concrete laid in layers not exceeding 15cms thick well compacted,in foundation, including cost of all materials,labour,HOM of machinery,curing complete as per specifications. (P.12/4.3,PWD SR 2015-2016)								
	College building Footings :- F1	Cum	6	2.85	2.65	0.15	6.80		
	F2		6	3.15	2.85	0.15	8.08		
	F3		4	2.55	2.25	0.15	3.44		
	F4		8	1.35	1.35	0.15	2.19		
	L/Walls		2	32.40	0.90	0.15	8.75		
	S/walls		2	8.30	0.90	0.15	2.24		
			3	6.45	0.90	0.15	2.61		
	Flooring :-Rooms		1	6.60	4.55	0.15	4.50		
			1	6.60	4.50	0.15	4.46		
			1	6.60	4.45	0.15	4.41		
			1	6.60	4.50	0.15	4.46		
			1	6.60	4.40	0.15	4.36		
			1	6.60	4.35	0.15	4.31		
			1	6.60	3.50	0.15	3.47		
	Varandha		1	31.40	1.85	0.15	8.71		
	Flagging concrete:-Back		1	34.10	1.20	0.15	6.14		
			1	29.10	1.00	0.15	4.37		
	Sides		2	9.20	0.90	0.15	2.48		
	Steps foundations		1	5.00	1.50	0.15	1.13		
	Plinth beam base concrete		3	6.50	0.25	0.15	0.73		
	New flag post		1	1.60	1.60	0.15	0.38		
	Toilet building Footings :-F1		2	2.75	2.55	0.15	2.10		
	F2		4	2.55	2.35	0.15	3.60		
	L/Walls		2	7.30	0.90	0.15	1.97		
	S/walls		2	3.65	0.90	0.15	0.99		
	Flooring		1	1.10	1.45	0.15	0.24		
			1	1.10	1.45	0.15	0.24		
			1	0.90	1.45	0.15	0.20		
			1	1.15	1.45	0.15	0.25		
			1	1.10	1.55	0.15	0.26		
			1	1.10	1.55	0.15	0.26		
			1	0.90	1.55	0.15	0.21		
			1	1.15	1.40	0.15	0.24		
			1	3.35	1.80	0.15	0.90		
			1	1.10	1.05	0.15	0.17		
			1	3.35	1.15	0.15	0.58		
			1	1.10	1.90	0.15	0.31		
	Toilet Entrance Passage:-Front		1	20.00	9.20	0.15	27.60		
	Parking Lot		1	20.00	4.00	0.15	12.00		
	Entrance		1	6.00	2.00	0.15	1.80		